

ABSTRACT

A device, particularly useful for reconstructing heart valves, that includes:

- an implant (1) having an elongate, deformable structure so that it can assume an elongate shape for insertion into the body of the patient through a small-diameter passage, approximately 1 to 2 cm, and a curved shape adapted for creating the annuloplasty, and

- a tubular instrument (2) able to receive said implant (1) at least partially within itself, which is sufficiently rigid to allow insertion of implant (1) into the body of the patient through said passage; this instrument (2) has an opening (12, 13) at its distal part enabling access to implant (1), means (15) for rotationally locking the implant (1) relative thereto, means (15) for holding implant (1) relative thereto, and means for detecting its angular orientation inside the body of the patient.